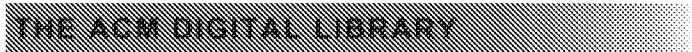




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1 [Collaborative virtual environments in the year of the dragon](#)

Samuli Pekkola, Mike Robinson, Markku-Juhani O. Saarinen, Jonni Korhonen, Saku Hujala, Tero Toi
September 2000 CVE '00: Proceedings of the third international conference on Collaborative virtual environments

Publisher: ACM

Full text available: [pdf\(248.20 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 15, Downloads (12 Months): 61, Citation Count: 3

Three suggestions are made for extensions from and to CVE's: awareness of others, multiple media and scalability. Awareness of others and their activities is strongly desirable in all media and applications, not just ...

Keywords: CVE, awareness, multiple media, scalability, virtual reality

2 [Automatic synthesis and optimization of partially specified asynchronous systems](#)

Alex Kondratyev, Jordi Cortadella, Michael Kishinevsky, Luciano Lavagno, Alexander Yakovlev
June 1999 DAC '99: Proceedings of the 36th ACM/IEEE conference on Design automation
Publisher: ACM

Full text available: [pdf\(183.96 KB\)](#)

Additional Information: [full citation](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 10, Citation Count: 2

3 [Resource scheduling for parallel database and scientific applications](#)

Soumen Chakrabarti, S. Muthukrishnan
June 1996 SPAA '96: Proceedings of the eighth annual ACM symposium on Parallel algorithms and architectures
Publisher: ACM

Full text available: [pdf\(984.42 KB\)](#)

Additional Information: [full citation](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 14, Citation Count: 12

4 [The use of web structure and content to identify subjectively interesting web usage pattern](#)



Robert Cooley

May 2003 ACM Transactions on Internet Technology (TOIT), Volume 3 Issue 2

Publisher: ACM

Full text available: pdf(540.06 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index term](#)

Bibliometrics: Downloads (6 Weeks): 33, Downloads (12 Months): 261, Citation Count: 5

The discipline of Web Usage Mining has grown rapidly in the past few years, despite the crash of commerce boom of the late 1990s. Web Usage Mining is the application of data mining techniques to Web clickstream data in order to extract usage patterns. ...

Keywords: Data mining, Web usage mining, World Wide Web

5 [Grid Services in Action: Grid Enabled Optimisation and Design Search](#)

S. J. Cox, R. P. Boardman, L. Chen, M. Duta, H. Eres, M. J. Fairman, Z. Jiao, M. Giles, C. A. Goble, Pound, A. J. Keane, M. Scott, N. R. Shadbolt, F. Tao, J. L. Wason, G. Xue

July 2002 HPDC '02: Proceedings of the 11th IEEE International Symposium on High Performance Distributed Computing

Publisher: IEEE Computer Society

Full text available: [Publisher Site](#)

Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citation Count: 0

We are developing a Grid Enabled Optimisation and Design Search system (GEODISE). It offers based access to a state-of-the-art collection of optimisation and design search tools, industrial analysis codes, and distributed computing and ...

6 [Lightweight video service for multi-media digital libraries](#)

Shitij Mutreja, Stuart Bailey, Robert Grossman, Dave Hanley

November 1995 CASCON '95: Proceedings of the 1995 conference of the Centre for Advanced Studies Collaborative research

Publisher: IBM Press

Full text available: pdf(134.39 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 4, Citation Count: 0

In this paper we present the design, architecture, implementation and performance of a digital library of video data. Our goal is to provide a lightweight video service for multimedia digital libraries based upon an ATM infrastructure, providing nonlinear ...

7 [The impact of I/O on program behavior and parallel scheduling](#)



Emilia Rosti, Giuseppe Serazzi, Evgenia Smirni, Mark S. Squillante

June 1998 ACM SIGMETRICS Performance Evaluation Review, Volume 26 Issue 1

Publisher: ACM

Full text available: pdf(1.40 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index term](#)

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 28, Citation Count: 11

In this paper we systematically examine various performance issues involved in the coordinated allocation of processor and disk resources in large-scale parallel computer systems. Models are formulated to investigate the I/O and computation behavior ...

8 [Separating agreement from execution for byzantine fault tolerant services](#)



Jian Yin, Jean-Philippe Martin, Arun Venkataramani, Lorenzo Alvisi, Mike Dahlin

October 2003 SOSP '03: Proceedings of the nineteenth ACM symposium on Operating systems principles
Publisher: ACM

Full text available: [pdf\(355.08 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 8, Downloads (12 Months): 84, Citation Count: 4

We describe a new architecture for Byzantine fault tolerant state machine replication that separates *agreement* that orders requests from *execution* that processes requests. This separation yields a fundamental and practically significant ...

Keywords: byzantine fault tolerance, confidentiality, reliability, security, state machine replication, trustworthy systems

9 [Hardware-Based Nonlinear Filtering and Segmentation using High-Level Shading Language](#)

Ivan Viola, Armin Kanitsar, Meister Eduard Groller

October 2003 VIS '03: Proceedings of the 14th IEEE Visualization 2003 (VIS'03)

Publisher: IEEE Computer Society

Full text available: [pdf\(11.33 MB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#)

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 30, Citation Count: 0

Non-linear filtering is an important task for volume analysis. This paper presents hardware-based implementations of various non-linear filters for volume smoothing with edge preservation. The C level shading language is used in combination with latest ...

Keywords: Non-linear Filtering, Segmentation, Hardware Acceleration

10 [Changing a computer science curriculum in light of computing curricula 2001](#)



Mohammed Samaka

December 2002 ACM SIGCSE Bulletin, Volume 34 Issue 4

Publisher: ACM

Full text available: [pdf\(110.00 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#)

Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 24, Citation Count: 0

The present paper describes the process of changing the curriculum of the computer science department of the college of science of the UAE University. This process was initiated to keep up with the fast development in the computer science discipline. ...

Keywords: Computing Curricula 2001, computer science curriculum development, curriculum development

11 [Virtual memory mapped network interface for the SHRIMP multicomputer](#)



Matthias A. Blumrich, Kai Li, Richard Alpert, Cezary Dubnicki, Edward W. Felten, Jonathan Sandberg

August 1998 ISCA '98: 25 years of the international symposia on Computer architecture (selected papers)

Publisher: ACM

Full text available: [pdf\(1.39 MB\)](#)

Additional Information: [full citation](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 10, Citation Count: 0

12 [Wireless Networks: Volume 3 Issue 5](#)

Imrich Chlamtac, Zygmunt J. Haas, Ian F. Akyildiz

October 1997 issue Volume 3 Issue 5

Publisher: Kluwer Academic Publishers

Additional Information: [full citation](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citation Count: 0

13 [A comparison of B2B e-service solutions](#)



Dan Jong Kim, Manish Agrawal, Bharat Jayaraman, H. Raghav Rao

December 2003 Communications of the ACM, Volume 46 Issue 12

Publisher: ACM

Full text available: [pdf\(283.30 KB\)](#) [html\(25.71 KB\)](#) Additional Information: [full citation](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 18, Downloads (12 Months): 168, Citation Count: 1

14 [Modeling the throughput of TCP Vegas](#)



Charalampos (Babis) Samios, Mary K. Vernon

June 2003 SIGMETRICS '03: Proceedings of the 2003 ACM SIGMETRICS international conference
Measurement and modeling of computer systems

Publisher: ACM

Full text available: [pdf\(178.67 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 8, Downloads (12 Months): 106, Citation Count: 5

Previous analytic models of TCP Vegas throughput have been developed for loss-free (all-Vegas) networks. This work develops a simple and accurate analytic model for the throughput of a TCP bulk transfer in the presence of packet loss, as a function ...

Keywords: TCP, TCP Vegas, performance model, throughput

15 [A Preemptive On-demand Distance Vector Routing Protocol for Mobile and Wireless Ad Hoc Networks](#)

Azzedine Boukerche, Liqin Zhang

March 2003 ANSS '03: Proceedings of the 36th annual symposium on Simulation

Publisher: IEEE Computer Society

Full text available: [pdf\(662.03 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 10, Citation Count: 1

Ad hoc wireless networks are expected to play an increasingly important role in future civilian and military settings where wireless access to wired backbones is either ineffective or impossible. How frequent topology changes caused by node mobility ...

Keywords: Mobile and wireless networks, AODV protocol, ns-2

16 [Towards the capability of providing power-area-delay trade-off at the register transfer level](#)



Chun-hong Chen, Chi-ying Tsui

August 1998 ISLPED '98: Proceedings of the 1998 international symposium on Low power electronic design

Publisher: ACM

Full text available:  [pdf\(703.18 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 8, Citation Count: 1

This paper presents a new register-transfer level (RT-level) power estimation technique based on technology decomposition. Given the Boolean description of a circuit function, the power consumption of two typical circuit implementations, namely the minimum ...

17 [FPGA implementation of a fast Hadamard transformer for WCDMA](#)



Sanat Kamal Bahl, Jim Plusquellic

February 2003 FPGA '03: Proceedings of the 2003 ACM/SIGDA eleventh international symposium on programmable gate arrays

Publisher: ACM

Full text available:  [pdf\(187.05 KB\)](#)

Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 48, Citation Count: 0

In code division multiple access (CDMA) systems the base station identifies each user in a cell by a unique orthogonal (Walsh) codes. The Walsh codes are generated at the transmitter using a Walsh-Hadamard function. A Fast Hadamard Transformer (FHT) is ...

18 [Fanout optimization under a submicron transistor-level delay model](#)



P. Cocchini, M. Pedram, G. Piccinini, M. Zamboni

November 1998 ICCAD '98: Proceedings of the 1998 IEEE/ACM international conference on Computer-aided design

Publisher: ACM

Full text available:  [pdf\(755.99 KB\)](#)

Additional Information: [full citation](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 8, Citation Count: 0

19 [Safety checking of machine code](#)



Zhichen Xu, Barton P. Miller, Thomas Reps

August 2000 PLDI '00: Proceedings of the ACM SIGPLAN 2000 conference on Programming language design and implementation

Publisher: ACM

Full text available:  [pdf\(306.71 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 40, Citation Count: 18

We show how to determine statically whether it is safe for untrusted machine code to be loaded into a trusted host system. Our safety-checking technique operates directly on the untrusted machine-code program, requiring only that the initial inputs ...

20 [A tool for partitioning and pipelined scheduling of hardware-software systems](#)

Karam S. Chatha, Ranga Vemuri

December 1998 ISSS '98: Proceedings of the 11th international symposium on System synthesis

Publisher: IEEE Computer Society

Full text available:



[pdf\(1.18 MB\)](#)



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